

WHAT IS CLAIMED IS:

1. A test bed for testing a thrust reverser of an engine comprising:
an engine, wherein said engine draws in and expels air in a direction in a primary flow;
a thrust reverser, wherein said thrust reverser circulates the gases derived from the combustion between the air and at least one fuel in a secondary flow, directed in a direction substantially opposite that of said primary flow; and
a collecting and recovering component, said component redirecting the gases exiting said thrust reverser in the direction of said primary flow,
wherein said collecting and recovering component comprises at least one deflector and two half-shells facing each other and open at least on one external face.
2. The test bed of Claim 1, wherein said engine is a turbojet engine.
3. The test bed of Claim 1, wherein said collecting and recovering component comprises a metal.
4. The test bed of Claim 1, wherein each half-shell is divided into compartments separated by walls that are substantially parallel to allow a laminar flow of the gas flow.
5. The test bed of Claim 1, wherein said collecting and recovering component comprises an attachment component for attaching said component to said thrust reverser.
6. The test bed of Claim 1, wherein said collecting and recovering component comprises an attachment component for attaching said component to said engine.
7. The test bed of Claim 1, wherein said collecting and recovering component comprises an attachment component for attaching said collecting and recovering component to said thrust reverser and to said engine.
8. The test bed of Claim 1, wherein said test bed is internal.
9. The test bed of Claim 1, wherein said test bed is external.
10. A device comprising:
at least one deflector; and
two half-shells, facing each other and open at least on one external face,
wherein said half-shells are divided into compartments separated by walls that are substantially parallel.

11. The device of Claim 10, further comprising an attachment component for attaching said device to a thrust reverser, to an engine or to both a thrust reverser and an engine.

12. The device of Claim 10, wherein said half-shells comprise metal.

13. A method of testing a thrust reverser of an engine on a test bed, comprising:

obtaining a device comprising at least one deflector and two half-shells, facing each other and open at least on one external face, wherein said half-shells are divided into compartments separated by walls that are substantially parallel; and

attaching said device to a thrust reverser in a test bed such that the flow of gases entering and exiting said device are substantially opposite.

14. The method of Claim 13, wherein said test bed is an internal test bed.

15. The method of Claim 13, wherein said test bed is an external test bed.

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